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Preface to the Special Issue on "Mathematical modelling in applied sciences"

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The current thematic issue "Mathematical modelling in applied sciences" is related to the conference "Computer Science and Applied Mathematics", 21-24 September 2016, Almaty, Kazakhstan.

The aim of the conference is to unite specialists in mathematical modelling and computational technologies to discuss current trends in related sciences focusing on the practical applications of modern techniques of information technologies, computing equipment, and applied mathematics.

The present thematic issue is devoted to the study of modern problems of mathematical modelling of physical processes, mechanics of liquids, gas and plasma, computational mathematics, mathematical control theory, speech technology and computer linguistics, pattern recognition and image processing, mathematical methods of information technology for complex systems, development of complex information systems and processes on the basis of mathematical models and theory.

The papers appearing in the issue are of interest to students and researchers in areas of computer science and applied mathematics.

The issue is edited by Professor Abdumauvlen Berdyshev (Kazakh National Pedagogical University named after Abai, Almaty, Kazakhstan), Professor Maksat Kalimoldayev (Institute of Information and Computational Technologies, Almaty, Kazakhstan), and Professor Michael Ruzhansky (Imperial College London).

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